

5 **What is claimed is:**

1. A driving apparatus including a power supply (104), a controlling IC, flash members (100a, 100b, 100c, 100d, 100e), and a switch module is characterized by that the said switch (112) connected with the triggering pin TG of the controlling IC is provided with two or more contacts (109,111), and a condition recognizer that will switch into conduction or cutoff according to a given condition is connected between the switch (112) and the triggering pin TG.

2. A flash driving apparatus according to Claim 1, characterized by that the said condition recognizer includes a NAND gate (113), the output of gate (113) is connected to the triggering pin TG of the controlling IC, the pin of the comparator end (101) of gate (113) is connected to a contact (111) of the switch (112), and is connected to ground or to the negative electrode of the power supply, another pin (102) of the comparator end of the NAND gate (113) is connected to another contact (109) through a capacitor (108), two ends of the capacitor are grounded or connected to the negative electrode of the power supply.

3. A flash driving apparatus according to Claim 1, characterized by that the said switch (112) is an elastic one, including a spring (121), one end of the spring is fixed on the conducting saddle (207) which is connected to the external circuit; at the free end of spring (121) are fixed two or more conducting slabs (206,208) which constitute the contacts of the switch (112), the conducting slabs (206,208) are connected to the external circuit.

4. A flash driving apparatus according to Claim 1, characterized by that the said switch (112) is an elastic one, spring (203) are sleeved with two or more conducting rings (201,202), which are laid around spring (203) and constitute two or more contacts of switch (112) and are connected to external circuit.

5. A flash driving apparatus according to Claim 1, 2, 3 or 4, characterized by that the said power supply is connected with a charging circuit.

6. A flash driving apparatus according to Claim 1, 2, 3 or 4, characterized by that two said power supplies are provided: the first power supply (104) and the second power supply

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(V1); the first power supply (104) is connected through the controlling IC to the low voltage flash members (100a, 100b, 100c, 100d); the high voltage flash member (100e) is connected to the collector of triode (80) whose emitter is connected to second power supply (V1), whose base is connected to the first power supply (104) through a resistance-capacitance resistor (81), thus the flash members are provided with high voltage.

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7. A flash driving apparatus according to Claim 1, 2, 3 or 4, characterized by that a boost circuit is added at the place of the flash member of (100e).